

Project Prioritization Cover Sheet

State Planning Council
One Capitol Hill
Providence, RI 02908
www.planning.ri.gov



Entity/Organization Town of Bristol

Contact Person Diane M. Williamson, Director of Community Development

Address Town Hall, 10 Court Street

City Bristol Rhode Island Zip Code 02809

Phone 401-253-7000 ext. 126 Email dianew@bristolri.us

Please use an additional sheet if necessary.

Diane C. Mederos

Applicant

Franci C. Medern

Signature

Town Administrator

Title

October 26, 2011

Date _____

Submission Date _____ Accepted by _____

CERTIFICATION

Transportation Improvement Program

Application - New Projects Only

State Planning Council
One Capitol Hill
Providence, RI 02908
www.planning.ri.gov



CONTACT

Contact Information

Entity / Organization Town of Bristol

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PROJECT INFORMATION

Project Information

Project Title Hope Street (Rt. 114) 1R Pavement Management with Sidewalks, Curbing and Crosswalks

Location by Street Name Hope Street - Route 114

Project Limits - From Bristol/Warren Town Line to Washington St. To & Constitution St. to Ferry Road

Location Maps - ☒ 8 1/2" x 11" Attach Map of Site Indicating Project Limits

Priority Proposal Number 1 of a Total of 5 Proposals

Regional Submission - ☐ Yes ☒ No Communities _____

Brief Description of Proposed Project

Hope Street is currently on the TIP as a 1R project for Pavement management within two separate physical project areas. The proposed project is a modification of the two separate project segments into one project that includes pavement, curbing, sidewalks and crosswalks. The Town is also providing a funding match for this proposed Hope Street project.

Describe Need for Proposed Project

The sidewalks and curbing on Hope Street are in a serious state of disrepair or non-existent. There are numerous trip hazards and unsafe conditions for school children who walk to school and elderly who walk to bus stops and shopping.

Enterprise Zone - ☒ Yes ☐ No Details _____

Located Within State Land Use Plan 2025 Map's Designated Growth Center - ☐ Yes ☒ No

Located Within State Land Use Plan 2025 Map's Urban Services Boundary - ☒ Yes ☐ No

Consistent with Local Comprehensive Plan - ☒ Yes ☐ No

Consistent with State Guide Plan Transportation 2030 - ☒ Yes ☐ No

INFORMATION	Additional Information	
	<p>Information addressing the following categories of review criteria as described in the Transportation Improvement Program, Guidance on Applying Criteria for Evaluation of Project Proposals should be provided separately. Submission must not exceed 2 pages, single spaced, 12-point font:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1. Mobility Benefits</p> <p>2. Cost-Effectiveness</p> <p>3. Economic Development Impact</p> </div> <div style="width: 45%;"> <p>4. Environmental Impact</p> <p>5. Degree of Support to Local and State Goals and Plan</p> <p>6. Safety, Security, and Technology</p> </div> </div>	

PROJECT ESTIMATES	Project Estimates													
		ROW	Study	Design	Construction	Total								
	Estimated Project Costs	None	65,000	120,000	3,300,000	3,485,000								
	Total Cost					3,485,000								
	Amount Requested Through TIP Process					3,285,000								
<p>Funding from other sources committed to this project - <input checked="" type="radio"/> Yes <input type="radio"/> No</p>														
<table border="1" style="width: 100%;"> <tr> <td style="width: 60%;">Source</td> <td style="width: 40%;">Amount</td> </tr> <tr> <td>Town of Bristol Sidewalk Bond</td> <td>\$200,000</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td style="text-align: right;">Total</td> <td>\$200,000</td> </tr> </table>							Source	Amount	Town of Bristol Sidewalk Bond	\$200,000			Total	\$200,000
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NOTIFICATION / CERTIFICATION	Notification / Certification	
	<p>Date of Local Public Hearing <u>October 19, 2011</u></p> <p style="font-size: small; text-align: center;">Municipal & Regional Planning Agency Projects Only</p>	
	<p>Preferred TAC Public Hearing</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><input type="radio"/> November 7 at 6:00 pm - South Kingstown Town Hall</p> <p><input type="radio"/> November 9 at 6:00 pm - Blackstone Valley Corridor</p> </div> <div style="width: 45%;"> <p><input type="radio"/> November 8 at 9:00 am - Department of Administration</p> <p><input checked="" type="radio"/> November 10 at 6:00 pm - Middletown Town Hall</p> </div> </div>	
	<p>Attest: The information provided on this application is true and accurate</p>	
	<p>Applicant's Signature <u><i>Didier M. Williams</i></u> Date <u>10/28/11</u></p> <p>Chief Executive Official's Signature <u><i>Diane C. Medeiros</i></u> Date <u>10/28/11</u></p>	

ADMINISTRATIVE	Application Checklist - Submitted by October 28, 2011 at 3:00 p.m.	
	<p><input checked="" type="checkbox"/> 8 Collated Copies of Completed Application</p> <p style="margin-left: 20px;">Forms - Project Prioritization & Application</p> <p style="margin-left: 20px;">Attached 2-page narrative</p> <p style="margin-left: 20px;">Location Maps as PDF files</p>	
	<p><input checked="" type="checkbox"/> Email a copy of completed application to linsey.cameron@doa.ri.gov or provide on a CD</p>	
	<p><input checked="" type="checkbox"/> Mail to:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Rhode Island Statewide Planning Program</p> <p>ATTN: Linsey Cameron, Supervising Planner</p> <p>One Capitol Hill</p> <p>Providence, RI 02908</p> </div> <div style="width: 45%;"> <p>Statewide Planning Official Use Only</p> <p>Submission Date _____</p> <p>Accepted by _____</p> </div> </div>	

Hope Street (Route 114) IR Pavement Management with Sidewalks, Curbing, and Crosswalks

Project Limits – Bristol/Warren Town Line to Washington St. & Constitution St. to Ferry Road

Priority #1 -This is a modification and consolidation of the Route 114 projects that are currently listed on the TIP. The modification is intended to clarify the physical limits of the proposed project, the scope of work, and to amend the funding with the Town's contribution of \$200,000 in matching funds. This project meets all of the project evaluation criteria as follows:

Mobility – Hope Street is a major arterial road through Bristol. It is the route for the popular RIPTA Bus 60 from Newport to Providence with over 80 runs per day. Land uses along Hope Street include schools, shopping centers, significant cultural and historical sites, elderly housing, and residential development all with high trip generation potential. Average daily traffic counts on Hope Street is approximately 60,000 vehicles per day. This project can be expected to improve the level of service since it will include the improvements to the sidewalks, with ADA compliant crosswalks at key intersections, creating a more walkable environment that will hopefully encourage more people to walk instead of driving. The improvement of the sidewalk conditions will also facilitate movement of wheelchair-assisted travelers, particularly near transit stops. This project serves is intermodal since it improves the roadway for vehicles and fixes sidewalks to improve pedestrian access to the bus stops for RIPTA Bus 60. This project is entirely within the town of Bristol however has a regional significance.

Cost Effectiveness – The project will be cost effective considering the number of people served by the roadway and the benefits of upgraded sidewalks. There are several areas along the roadway where the sidewalks are in a state of disrepair and the project will bring them back to a good condition.

Economic Development Impact -. The project is in the Mount Hope Enterprise Zone. Improvements to Hope Street will also improve access to the historic district downtown commercial area with well-known historic landmarks, shops and restaurants. The project will encourage tourism since Bristol has a linkage with Newport via the historic Mount Hope Bridge and the Newport-Bristol heritage trail. Hope Street is also the site of the oldest continuously run 4th of July parade which is a major economic driver for the Town, the region, and the State. The sidewalks will improve the walking and transit infrastructure. The entire length of Hope Street is a State-designated scenic roadway and includes many significant historical, cultural, and recreational assets such as the Herreshoff Marine Museum, Colt State Park and the Audubon Environmental Educational Center. It is also noted that he Herreshoff Marine Museum is the recipient of funding from the Enhancement Program, including sidewalk improvements, with funds substantially committed. This proposed Route 114 project will also provide a linkage from that site to the downtown improvement project that is ongoing. The Town's low-moderate

Hope Street (Route 114) 1R Pavement Management with Sidewalks, Curbing, and Crosswalks

Page 2

income census tracts include portions of Hope Street. The Town's senior housing is also located on Hope Street with presumed low-moderate income residents.

Environmental Impact - The installation of the new sidewalks will provide a significant linkage to the Town's greenbelt trail system, Colt State Park, the East Bay Bike Path and the historic downtown business district, from the residential neighborhoods. The project will promote walkability while enhancing the community and quality of life values. Air quality emissions and energy consumption will be reduced since it will improve pedestrian facilities. The significant natural resources along Hope Street are the major trees. As we have seen with the downtown portion of the Hope Street project, the healthy trees are being preserved and steps are being taken to improve their health such as an intense fertilization and feeding program. It is also anticipated that trees along the project that are in decline would be removed and replaced to enhance the landscaping along the roadway. Hope Street is a State-designated scenic roadway and the improvements proposed with this project will enhance it significantly, particularly with new sidewalks and curbing and landscaping. The project is consistent with the Federal Executive Order 12898 for environmental justice for minority and low-income populations because it will benefit them with improved pedestrian facilities and access to transit. The project will strengthen the urban area of the Town and supports the continued revitalization of the downtown center.

Degree of Support to Local and State Goals and Plans – This project is the highest priority on the Town's ranking of projects. Preliminary design studies have been completed for this project. As noted above, this project will link with other projects being undertaken including the current RIDOT downtown improvement project and the Herreshoff Marine Museum project. The project is consistent with the Town's locally adopted and State approved Comprehensive Plan. Reference is made to Action Item C5 from the Circulation Element "Provide linkage of neighborhoods to other land uses and other neighborhoods through roadway connections, *pedestrian walkways* and bicycle paths". The project is consistent with the State Transportation Guide Plan Element 611; specifically Strategies D3d; S3q; H2b; S2c and the State Land Use Plan 2025 Element 121; specifically Objective 4F and Strategy 2 of the Infrastructure Section. The project has received considerable public support.

Safety, Security and Technology – The project will improve pedestrian safety on routes to schools and the elderly housing which are located along the roadway. Hope Street is a designated hurricane evacuation route in a high population area. The roadway also serves the Bristol County Medical Center which is located on Hope Street; although this is a private facility, it is the only medical center in Bristol and serves a large population of residents.



A horizontal number line with tick marks at 0, 750, 1,500, and 3,000. The label "Feet" is at the right end.

**Transportation Improvement Program
Hope Street (Rt. 114) 1R with Sidewalks and Curbing
Town of Bristol, Rhode Island**

Transportation Improvement Program

Application - New Projects Only

State Planning Council
One Capitol Hill
Providence, RI 02908
www.planning.ri.gov



CONTACT

Contact Information

Entity / Organization Town of Bristol

Contact Person Diane M. Williamson, Director of Community Development

Address Town Hall, 10 Court Street

City Bristol Rhode Island Zip Code 02809

Phone 401-253-7000 ext. 126 Email dianew@bristolri.us

PROJECT INFORMATION

Project Information

Project Title Sidewalks and shoulder bike lane on Metacom Avenue

Location by Street Name Metacom Avenue (Route 136)

Project Limits - From Bayview Avenue To Bristol/Warren Town Line

Location Maps - ☒ 8 1/2" x 11" Attach Map of Site Indicating Project Limits

Priority Proposal Number 3 of a Total of 5 Proposals

Regional Submission - ☐ Yes ☒ No Communities _____

Brief Description of Proposed Project

The project is the installation of sidewalks along both sides of Metacom Avenue from Bayview Avenue to the Bristol/Warren town line along with the creation of a shoulder bike lane "share the lane" to create a "Complete Street" on this segment of Metacom Avenue.

Describe Need for Proposed Project

The proposed project is needed since the sidewalks on Metacom Avenue are either non existent or in an extreme disrepair. Sidewalks on Metacom Avenue with a shoulder bike lane will connect neighborhoods, encourage walking as a means of exercise and reduce local vehicle trips on Metacom Avenue. Sidewalks are especially important near the Stop and Shop, the Belltower Plaza which is commercial center, and in the vicinity of the Rhode Island State Veteran Home.

Enterprise Zone - ☒ Yes ☐ No Details _____

Located Within State Land Use Plan 2025 Map's Designated Growth Center - ☐ Yes ☒ No

Located Within State Land Use Plan 2025 Map's Urban Services Boundary - ☒ Yes ☐ No

Consistent with Local Comprehensive Plan - ☒ Yes ☐ No

Consistent with State Guide Plan Transportation 2030 - ☒ Yes ☐ No

Additional Information

Information addressing the following categories of review criteria as described in the Transportation Improvement Program, Guidance on Applying Criteria for Evaluation of Project Proposals should be provided separately. Submission must **not exceed** 2 pages, single spaced, 12-point font:

- | | |
|--------------------------------|--|
| 1. Mobility Benefits | 4. Environmental Impact |
| 2. Cost-Effectiveness | 5. Degree of Support to Local and State Goals and Plan |
| 3. Economic Development Impact | 6. Safety, Security, and Technology |

Project Estimates

	ROW	Study	Design	Construction	Total
Estimated Project Costs	None	40,000	80,000	2,700,000	2,820,000
Total Cost					2,820,000
Amount Requested Through TIP Process					2,820,000

Funding from other sources committed to this project - ☐ Yes ☐ No

Source	Amount
Total	

Notification / Certification

Date of Local Public Hearing October 19, 2011

Municipal & Regional Planning Agency Projects Only

Preferred TAC Public Hearing

- ☐ November 7 at 6:00 pm - South Kingstown Town Hall
 ☐ November 8 at 9:00 am - Department of Administration
☐ November 9 at 6:00 pm - Blackstone Valley Corridor
 ☒ November 10 at 6:00 pm - Middletown Town Hall

Attest: The information provided on this application is true and accurate

Applicant's Signature *David M. Williams* Date 10/28/11

Chief Executive Official's Signature *Diane C. Hudson* Date 10/28/11

Application Checklist - Submitted by October 28, 2011 at 3:00 p.m.

- ☒ 8 Collated Copies of Completed Application
 Forms - Project Prioritization & Application
 Attached 2-page narrative
 Location Maps as PDF files
- ☒ Email a copy of completed application to linsey.cameron@doa.ri.gov or provide on a CD
- ☒ Mail to:
 Rhode Island Statewide Planning Program
 ATTN: Linsey Cameron, Supervising Planner
 One Capitol Hill
 Providence, RI 02908
- Statewide Planning Official Use Only**
 Submission Date _____
 Accepted by _____

Metacom Avenue (Route 136) – Sidewalks and a shoulder bike lane along both sides of the roadway from Bayview Avenue to the Bristol/Warren Town line.

Priority 3 - This project is the installation of sidewalks, with a shoulder bike lane, along Metacom Avenue (Route 136) to make a large section of this roadway a “Complete Street”.

This project meets all of the project evaluation criteria as follows:

Mobility – Metacom Avenue is a major arterial road through Bristol. Land uses along Metacom Avenue include Roger Williams University, shopping centers (Stop and Shop and Belltower Plaza), the Rhode Island State Veteran’s Home, transit sites for RIPTA Bus 60, the Town’s police department and fire department, and residential development all with high trip generation potential. Sidewalks on Metacom Avenue along with a shoulder bike lane will also improve the ability of students to travel from adjacent residential neighborhoods to the Mt. Hope High School on Chestnut Street. Average daily traffic counts on Metacom Avenue are approximately 68,000 vehicles per day. This project can be expected to improve the level of service since it will include the improvements to the sidewalks, with ADA compliant crosswalks at key intersections, creating a more walkable environment that will hopefully encourage more people to walk instead of driving. The improvement of the sidewalk conditions will also facilitate movement of wheelchair-assisted travelers, particularly near transit stops. This project serves is intermodal since it improves the roadway for vehicles, provides a shoulder bike lane; and fixes sidewalks to improve pedestrian and bicycle access to the bus stops for RIPTA Bus 60. This project is entirely within the town of Bristol however has a regional significance.

Cost Effectiveness – The project will be cost effective considering the significant number of people served by the roadway and the benefits from the upgraded sidewalks and the shoulder bike lane. There are several areas along the roadway where the sidewalks are in a state of disrepair and the project will bring them back to a good condition.

Economic Development Impact -. The project is in the Mount Hope Enterprise Zone. Improvements to Metacom sidewalks with a shoulder bike lane will also improve access to significant commercial areas, including the Stop and Shop and Belltower Plaza, and residential neighborhoods along the roadway. The sidewalks will improve the walking and transit infrastructure. The Town’s low-moderate income census tracts include portions of Metacom Avenue and relatively new affordable housing development is also located on Metacom Avenue near the Warren Town line.

Environmental Impact - The installation of the new sidewalks and shoulder bike lane will provide a significant linkage to the Town’s greenbelt trail system from the residential neighborhoods. The Town has recently preserved significant open space parcels known as

Metacom Avenue (Route 136) – Sidewalks and a shoulder bike lane along both sides of the roadway from Bayview Avenue to the Bristol/Warren Town line.

Page 2

“Perry Farm” with access via Metacom Avenue. The project will promote walkability and bicycling as a means of exercise and reduce local vehicle trips on Metacom Avenue while enhancing the community and quality of life values. Air quality emissions and energy consumption will be reduced since it will improve pedestrian facilities. The project is consistent with the Federal Executive Order 12898 for environmental justice for minority and low-income populations because it will benefit them with improved pedestrian facilities and access to transit.

Degree of Support to Local and State Goals and Plans – This project is the third highest priority on the Town’s ranking of projects. The project is consistent with the Town’s locally adopted and State-approved Comprehensive Plan. The project is consistent with the approved Metacom Avenue Corridor Management which was funded by a Statewide Planning Challenge Grant. The emphasis of this plan is on providing residents with an opportunity to walk or bicycle to local destinations as options to the use of private vehicles with the installation of sidewalks and a “share the road” bicycle facility. Reference is made to Action Items from the Circulation Element of the Town’s Comprehensive Plan; specifically Action Item C1 “Implement the traffic elements of the Metacom Avenue Corridor Management”; and, Action Item C5 “Provide linkage of neighborhoods to other land uses and other neighborhoods through roadway connections, *pedestrian walkways* and bicycle paths”. Action Item C13 from the Town’s Comprehensive Plan states “Work with the RIDOT to include a dedicated bicycle lane as part of any upgrade to the State’s roads in Town”; and, Action Item C12 states “Work with the RIDOT to implement the Metacom Avenue Corridor Management Plan.” Through the public outreach for the Metacom Avenue Corridor Management Plan, the need for continuous sidewalks was determined to be a very high priority. The project is consistent with the State Transportation Guide Plan Element 611; specifically Strategies D3d; S3q; H2b; S2c; and, I.3.j “Promote the concept of “Complete Streets” and the State Land Use Plan 2025 Element 121; specifically Objective 4F and Strategy 2 of the Infrastructure Section.

Safety, Security and Technology – The project will improve walking safety on routes to schools and access for wheelchair –assisted travelers from the Veterans Home which are located along the roadway. This project will dovetail with the Safety Improvements proposed for the High Hazard intersections on Metacom at Tupelo Street, Chestnut Street/Annawamscutt Drive, and Bayview Avenue. These intersections will be improved with crosswalks and turning lanes and it this project will provide the needed pedestrian linkages to these upgraded intersections.



Project Limit at Warren Town Line

Project Limit at Bayview Avenue



0 485 970 1,940 Feet

Transportation Improvement Program Metacom Avenue (Rt. 136) Sidewalks Town of Bristol, Rhode Island

Transportation Improvement Program

Application - New Projects Only

State Planning Council
One Capitol Hill
Providence, RI 02908
www.planning.ri.gov



CONTACT

Contact Information

Entity / Organization Town of Bristol

Contact Person Diane M. Williamson, Director of Community Development

Address Town Hall, 10 Court Street

City Bristol Rhode Island Zip Code 02809

Phone 401-253-7000 ext. 126 Email dianew@bristolri.us

PROJECT INFORMATION

Project Information

Project Title Roundabout at Intersection of Metacom Ave. /Ferry Road/RWU entrance

Location by Street Name Intersection of Metacom Ave./Ferry Road/RWU entrance

Project Limits - From Metacom Avenue To Ferry Road at RWU entrance

Location Maps - ☒ 8 1/2" x 11" Attach Map of Site Indicating Project Limits

Priority Proposal Number 5 of a Total of 5 Proposals

Regional Submission - ☐ Yes ☒ No Communities _____

Brief Description of Proposed Project

The project is the installation of a roundabout at the intersection of Metacom Avenue (Route 136), Ferry Road (Route 114) and the Roger Williams University main entrance. When the University's entrance was designed in 2006-2007, the concept for a roundabout was taken into consideration to assure that when the roundabout was built there would not be a conflict.

Describe Need for Proposed Project

The geometry of this intersection is very confusing and dangerous. The intersection creates unsafe conditions as drivers exiting the Roger Williams University have to negotiate a traffic island to head north on Ferry Road. All southbound traffic wishing to enter the University needs to travel past the University and make a U-turn to head north toward the entrance driveway which adds to the traffic conflicts. T

Enterprise Zone - ☒ Yes ☐ No Details _____

Located Within State Land Use Plan 2025 Map's Designated Growth Center - ☐ Yes ☒ No

Located Within State Land Use Plan 2025 Map's Urban Services Boundary - ☒ Yes ☐ No

Consistent with Local Comprehensive Plan - ☒ Yes ☐ No

Consistent with State Guide Plan Transportation 2030 - ☒ Yes ☐ No

INFORMATION	Additional Information	
	Information addressing the following categories of review criteria as described in the Transportation Improvement Program, Guidance on Applying Criteria for Evaluation of Project Proposals should be provided separately. Submission must not exceed 2 pages, single spaced, 12-point font:	
	1. Mobility Benefits 2. Cost-Effectiveness 3. Economic Development Impact	4. Environmental Impact 5. Degree of Support to Local and State Goals and Plan 6. Safety, Security, and Technology

PROJECT ESTIMATES	Project Estimates					
		ROW	Study	Design	Construction	Total
	Estimated Project Costs	None	25,000	120,000	1,700,000	1,845,000
	Total Cost					1,845,000
	Amount Requested Through TIP Process					1,845,000
	Funding from other sources committed to this project - <input type="radio"/> Yes <input type="radio"/> No					
	Source				Amount	
	Total					

NOTIFICATION / CERTIFICATION	Notification / Certification	
	Date of Local Public Hearing <u>October 19, 2011</u>	
	Municipal & Regional Planning Agency Projects Only	
	Preferred TAC Public Hearing	
	<input type="radio"/> November 7 at 6:00 pm - South Kingstown Town Hall <input type="radio"/> November 9 at 6:00 pm - Blackstone Valley Corridor	<input type="radio"/> November 8 at 9:00 am - Department of Administration <input checked="" type="radio"/> November 10 at 6:00 pm - Middletown Town Hall
	Attest: The information provided on this application is true and accurate	
Applicant's Signature <u>David M. Wilkerson</u> Date <u>10/28/11</u>		
Chief Executive Official's Signature <u>Don C. Medina</u> Date <u>10/28/11</u>		

ADMINISTRATIVE	Application Checklist - Submitted by October 28, 2011 at 3:00 p.m.	
	<input checked="" type="checkbox"/> 8 Collated Copies of Completed Application Forms - Project Prioritization & Application Attached 2-page narrative Location Maps as PDF files	
	<input checked="" type="checkbox"/> Email a copy of completed application to linsey.cameron@doa.ri.gov or provide on a CD	
	<input checked="" type="checkbox"/> Mail to: Rhode Island Statewide Planning Program ATTN: Linsey Cameron, Supervising Planner One Capitol Hill Providence, RI 02908	
	Statewide Planning Official Use Only Submission Date _____ Accepted by _____	

Roundabout at Intersections of Metacom Avenue, Ferry Road, and Roger Williams University entrance.

Priority 5 - This project is the design and construction of a roundabout at the intersection of Metacom Avenue (Route 136), Ferry Road (Route 114), and Roger Williams University. This project meets all of the project evaluation criteria as follows:

Mobility – Metacom Avenue is a major arterial road through Bristol. Land uses along Metacom Avenue include Roger Williams University, shopping centers (Stop and Shop and Belltower Plaza), the Rhode Island State Veteran's Home, transit sites for RIPTA Bus 60, the Town's police department and fire department, and residential development all with high trip generation potential. Average daily traffic counts at this intersection are approximately 17,300 vehicles per day. This project can be expected to improve the level of service since it will allow the flow of traffic to move more steadily without the need for vehicles to come to a complete stop. This project is entirely within the town of Bristol however has a regional significance.

Cost Effectiveness – The project will be cost effective considering the significant number of people served by the roadway and the benefits from the roundabout on the flow of traffic. It is also anticipated that there may be Federal funding for a roundabout project.

Economic Development Impact -. The project is in the Mount Hope Enterprise Zone. The introduction of a roundabout at this intersection will allow for the efficient movement of vehicles including commuters and truck traffic. The roundabout will serve as a northbound gateway entrance from points south into the commercial districts further north along Metacom Avenue, the downtown historic district on Hope Street (Route 114), and the Roger Williams University which is the Town's largest employer and a significant economic driver. Route 114 a scenic roadway and the roundabout will be an important design element providing an opportunity for landscaping and welcome signage.

Environmental Impact - The installation of the roundabout will provide additional opportunities for LID storm water management with the plantings in the center island. Air quality emissions and energy consumption will be reduced since it will keep the flow of traffic moving without the need to come to a complete stop and idle. It will also reduce travel time from southbound Ferry Road traffic entering the main entrance at the Rogers Williams University which will also reduce emissions. The project will also act as a traffic calming technique for southbound traffic on Metacom as vehicles approach the merge with the Ferry Road traffic.

Degree of Support to Local and State Goals and Plans – This project is the fifth highest priority on the Town's ranking of projects. The project is consistent with the Metacom Avenue

Roundabout at Intersections of Metacom Avenue, Ferry Road, and Roger Williams University entrance.

Page 2

Corridor Management Plan which was funded by a Statewide Planning Challenge Grant. The project is also consistent with the Town's locally adopted and State-approved Comprehensive Plan. Reference is made to Action Items from the Circulation Element of the Plan; specifically Action Item C1 "Implement the traffic elements of the Metacom Avenue Corridor Management"; and, Action Item C12 which states "Work with the RIDOT to implement the Metacom Avenue Corridor Management Plan." The project is consistent with the State Transportation Guide Plan Element 611; specifically Strategies H.3y "Consider modern roundabouts as a viable option in all intersection improvement projects"; S3q; H2b; S2c and the State Land Use Plan 2025 Element 121.

Safety, Security and Technology – The project will use a relatively new technology to greatly improve the geometry of this intersection which is currently very confusing and dangerous. Roundabouts decrease the severity of crashes, reduce delays, and improve capacity when compared to signalized intersections.



0 600 1,200 2,400 Feet

**Transportation Improvement Program
Roundabout at Intersection of
Ferry Road (Rt. 114) & Metacom Avenue (Rt. 136)
Town of Bristol, Rhode Island**